

**M. TECH.-II (ELECTRICAL -POWER SYSTEM) (CBCS – 2015  
COURSE) : SUMMER - 2018**

**SUBJECT: ELECTIVE-I POWER SECTOR RESTRUCTURING & DEREGULATION**

Day:  
Date: **Monday**  
**18/06/2018**

**S-2018-3017**

Time: **11.00 AM TO 02.00 PM**  
Max marks: 60

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**N.B:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Answer to both the sections should be written in **SEPARATE** answer book
  - 4) Assume suitable data if necessary.
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**SECTION-I**

**Q.1** Elucidate role and functions of power finance corporation. **(10)**

**OR**

Explicate role of ministry of power in Indian power sector.

**Q.2** Write note on various costs involved in Indian power sector. **(10)**

**OR**

Write note on net present value of the project in the power sector.

**Q.3** Explain the tariff based on incentives and penalties in the power sector. **(10)**

**OR**

Compare telescopic and availability based tariff in the electrical power sector.

**SECTION-II**

**Q.4** Explain need for restructuring and de regulation in the Indian power sector. **(10)**

**OR**

Enlighten monopoly model in power sector restructuring with its merits and demerits.

**Q.5** Illuminate various non pricing issues in Indian power sector. **(10)**

**OR**

Give details of market clearing price in power sector.

**Q.6** Explain various transmission cost allocation methods in the power sector. **(10)**

**OR**

Clarify various issues in transmission planning.

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